

BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

Name of Work:- Improvements to roads and drains of chiranjeevi layout and chinnappa Layout in ward No.07, Byatarayanapura.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	1003.56	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.141.Item No.19.1)	cum	86.92	Rupees Eighty Six and Ninety Two Paise Only
2	1617.75	Removing and refixing stone slabs of drains and pointing in CM (1:3).(Pg No.25, I.No.5.33)	sqm	80.56	Rupees Eighty and Fifty Six Paise Only
3	539.25	Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete. Pg No.25, Item No.5.31.1 (7.5 cms thick)	sqm	665.68	Rupees Six Hundred Sixty Five and Sixty Eight Paise Only
4	6.48	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3)	cum	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
5	25.92	KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-23. Item No. 5.6)	sqm	4438.22	Rupees Four Thousand Four Hundred Thirty Eight and Twenty Two Paise Only
6	4.32	KSRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications.(Item No.4.6, Page No.12)	cum	5767.46	Rupees Five Thousand Seven Hundred Sixty Seven and Forty Six Paise Only
7	43.20	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specification (Data Rate)	cum	5111.00	Rupees Five Thousand One Hundred Eleven Only
8	222.00	KSSRB M 400-17: Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specificationns including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications. MORTH specifications no. 406(P-157., It No: 20.18)	cum	1768.08	Rupees One Thousand Seven Hundred Sixty Eight and Eight Paise Only
9	9560.00	KSRRB-500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materails, labour, HOM Machinerries complete as per specifications.(Page No.161, Item No.21.2)	sqm	3.18	Rupees Three and Eighteen Paise Only

[Signature]
19/12
[Stamp]

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
10	9560.00	KSRRB 500-07: Providing and applying tack coat with 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour, H.O.M. Machineries complete as per specifications.. (Pg No. 160. Item No. 21.7)	sqm	11.66	Rupees Eleven and Sixty Six Paise Only
11	382.40	Providing and laying bituminous concrete 40MM thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specifications clause No. 509 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P with mechanical paver Gr-11 (30mm to 45mm) with 5.4% of modified binder consisting of 4.97% VG-10 bitumen (80/100) grade and 0.43% of plastomeric thermoplastics (Waste plastic) (Page No. 172, It No. 21.78.6)	cum	7150.76	Rupees Seven Thousand One Hundred Fifty and Seventy Six Paise Only
12	290.00	KSRRB M80013: Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per thickness of 2.5mm is exclusive of surface, applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH specifications. No. 803. (Page No. 185. It No. 24.15)	sqm	542.72	Rupees Five Hundred Forty Two and Seventy Two Paise Only
13	1003.56	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1: Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1)	cum	106.00	Rupees One Hundred Six Only


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Note:

- Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered
- Unit rates and prices shall be quoted by the Tender in Indian rupees.
- Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a))
- Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

"BTS Approved"



BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

Name of Work:- Name of Work:- Improvements to roads and drains of Mariyannapalya and surrounding areas in ward No.07, Byatarayanapura

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	243.00	Removing and refixing stone slabs of drains and pointing in CM (1:3).(Pg No.25, I.No.5.33)	sqm	80.56	Rupees Eighty and Fifty Six Paise Only
2	629.75	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.142.Item No.19.1)	cum	86.92	Rupees Eighty Six and Ninety Two Paise Only
3	60.75	Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete. Pg No.25, Item No.5.31.1 (7.5 cms thick)	sqm	665.68	Rupees Six Hundred Sixty Five and Sixty Eight Paise Only
4	90.75	KSRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3)	cum	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
5	32.18	KSRB 4.2.2: Providing and laying in position reinforced cement concrete of design mix M20 with OPC cement @ 320 Kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.459 cum with superplastizers @ 3lts confirming to IS 9103-1999 RE affirmed - 2008 machine mixed, concrete laid in layers not exceeding 15cms thick, vibrated for all works in foundation plinth and ground floor level for roof slabs, stair case lintels, retaining walls return walls, walls(anythickness) including attached plasters columns piers abutments pillars posts struts butresses string or lacing courses parapets copings, bed blocks , plain windows cills fillets etc., including cost of all materials labour HOM of machinery curing complete as per specifications. Seocifications No. KBS 4.1.4.6 (Page NO. 13, Item NO. 4.11)	cum	6371.66	Rupees Six Thousand Three Hundred Seventy One and Sixty Six Paise Only
6	17.70	Providing TMT Steel Reinforcement for R.C.C work including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps and wastage shall not be measured and paid) cost of materials, labour, HOM of machinery complete as per specifications.(Page No.17, Item No.17)	Tonne	64243.42	Rupees Sixty Four Thousand Two Hundred Forty Three and Forty Two Paise Only
7	646.20	Providing and removing Centering, shuttering, strutting, propping etc., for columns, pillars, piers, abutments, post and struts, square / rectangular slabs /side walls polygon in plan including cost of materials, labour complete as per specification and directions of the Engineer in charge.(Page No.16, Item NO.4.32)	sqm	387.96	Rupees Three Hundred Eighty Seven and Ninety Six Paise Only
8	157.50	Providing and fixing 10cms thick pre cast RCC covering slab using reinforced cement concrete M20 mix with stone aggregate 20mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specifications (Data Rate Approved)	sqm	1836.00	Rupees One Thousand Eight Hundred Thirty Six Only

S. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
	1.50	KSRB4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complete as per specifications. (Page No. 12. Item No. 4.6)	sqm	5767.46	Rupees Five Thousand Seven Hundred Sixty Seven and Forty Six Paise Only
10	8.10	KSRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-235: Item No. 5.3)	sqm	4438.22	Rupees Four Thousand Four Hundred Thirty Eight and Twenty Two Paise Only
11	13.50	KSRB 5.3-1:Providing ruled pointing of course stone msonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge. (P-112, Item No. 15.8)	sqm	37.10	Rupees Thirty Seven and Ten Paise Only
12	20.52	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick wellcompacted cost of all materials labour curing complete as per specification (Data Rate	cum	5111.00	Rupees Five Thousand One Hundred Eleven Only
13	14.00	Providing and fixing MS Grating 260x260 mm(Page No.VIII, SI No.237, code No.0771)	sqm	94.34	Rupees Ninety Four and Thirty Four Paise Only
14	44.00	Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specification.M20 (AT 300 Kg per cum coarse aggregats @ 0.69cum and fine aggregate @0.43cum) (Pg No.177, It No.22.6.2)	cum	5508.82	Rupees Five Thousand Five Hundred Eight and Eighty Two Paise Only
15	440.00	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift. (P177, It No. 22.7)	cum	95.40	Rupees Ninety Five and Forty Paise Only
16	121.00	KSSRB M 400-17: Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surfce and compating with vibratory roller to achieve the desired density complete as per specifications. MORTH specifications no. 406(P-157., It No: 20.18	cum	1768.08	Rupees One Thousand Seven Hundred Sixty Eight and Eight Paise Only
17	1140.00	KSRRB-500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materails, labour, HOM Machineries complete as per specifications.(Page No.161, Item No.21.2)	sqm	3.18	Rupees Three and Eighteen Paise Only
18	4068.00	KSRRB 500-07: Providing and applying tack coat with80/100 grade bitumen(VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials , labour HOM Machineries complete as per specifications.. (Pg No. 160. Item No. 21.7)	sqm	11.66	Rupees Eleven and Sixty Six Paise Only

Quantity.	Description	Unit	Rates	
			In Figures	In Words
19	Providing and laying bituminous concrete 40MM thick with hotmix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specifications clause No.509 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P with mechanical paver Gr-11(30mm to 45mm) with 5.4% of modified binder consisting of 4.97% VG-10 bitumen (80/100) grade and 0.43% of plastomeric thermoplastics(Waste plastic)(Page No.172, It No.21.78.6)	cum	7150.76	Rupees Seven Thousand One Hundred Fifty and Seventy Six Paise Only
162.72				
20	KSRRB M80013: Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per thickness of 2.5mm is exclusive of surface, applied glass beads as per IRC35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH specifications. No.803.(Page No.185. It No.24.15)	sqm	542.72	Rupees Five Hundred Forty Two and Seventy Two Paise Only
196.20				
21	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1:Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1)	cum	106.00	Rupees One Hundred Six Only
629.75				


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DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

Name of Work:- Improvements to roads and drains of Gopalappa Layout and chinnappa Layout in ward No.07, Byatarayanapura.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	1117.16	KSRRB 300-1. Earthwork excavation by manual means in ordinary soil involving an average horizontal throw upto 2 m and an average lift upto	cum	86.92	Rupees Eighty Six and Ninety Two Paise
2	2045.19	Removing and refixing stone slabs of drains and pointing in CM (1:3) (Pg No.25, I.No.5.33)	Sqm	80.56	Rupees Eighty and Fifty Six Paise Only
3	876.51	Providing granite slabs of selected quality roughly dressed and fixed in cementer mortar (1:6) including fixing curing etc., complete. Pg No.25, Item No.5.31.1 (7.5 cms thick)	Sqm	665.68	Rupees Six Hundred Sixty Five and Sixty Eight Paise Only
4	12.15	KSRRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3)	cum	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
5	9.18	KSRRB 4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs with 20mm and down size graded granite metal coarse aggregates @ 0.878 cum and fine aggregates @ 0.53cum, machine mixed concrete laid in layers not exceeding 15cms thick well compacted in foundation plinth and cills including cost of all materials, labour HOM of machinery curing complete as per specifications.(Item No.4.6, Page No.12)	cum	5767.46	Rupees Five Thousand Seven Hundred Sixty Seven and Forty Six Paise Only
6	36.45	KSRRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms high, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-23. Item No. 5.6)	cum	4438.22	Rupees Four Thousand Four Hundred Thirty Eight and Twenty Two Paise Only
7	81.00	KSRRB 5.3-1:Providing ruled pointing of course stone masonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge. (P-112, Item No. 15.8)	Sqm	37.10	Rupees Thirty Seven and Ten Paise Only
8	79.92	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick well compacted cost of all materials labour curing complete as per specification (Data Rate)	cum	5111.00	Rupees Five Thousand One Hundred Eleven Only
9	337.63	KSRRB M 400-17: Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specifications no. 406(P-157., It No: 20.18)	cum	1768.08	Rupees One Thousand Seven Hundred Sixty Eight and Eight Paise Only
10	6921.50	KSRRB-500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materials, labour, HOM Machineries complete as per specifications.(Page No.161, Item No.21.2)	Sqm	3.18	Rupees Three and Eighteen Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
11	6921.50	KSRRB 500-07: Providing and applying tack coat with 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour and Hom Machineries complete as per specifications.. (Pg No. 160. Item No. 21.7	Sqm	11.66	Rupees Eleven and Sixty Six Paise Only
12	276.86	Providing and laying bituminous concrete 40MM thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specifications clause No.509 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P with mechanical paver Gr-11(30mm to 45mm) with 5.4% of modified binder consisting of 4.97% VG-10 bitumen (80/100) grade and 0.43% of plastomeric thermoplastics (Waste plastic) (Page No.172, It No.21.78.6)	cum	7150.76	Rupees Seven Thousand One Hundred Fifty and Seventy Six Paise Only
13	314.20	KSRRB M80013: Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per thickness of 2.5mm is exclusive of surface, applied glass beads as per IRC 35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH specifications. No.803. (Page No.185. It No.24.15)	cum	542.72	Rupees Five Hundred Forty Two and Seventy Two Paise Only
14	1117.16	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1: Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1)	cum	106.00	Rupees One Hundred Six Only


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- 4 Where there is a discrepancy between the unit rate and the line item total resulting from multiplying the unit rate by quantity the unit rate quoted shall govern (ITB Clause 19.1(b))

"DTS Approved"



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Byatarayanapura Division
B.B.M.P., Bangalore - 92

DRAFT TENDER SCHEDULE

Issued to :

Original / Duplicate

Name of Work:- Improvements to roads and drains of Hotteppa Layout, Khasinagara and surrounding areas in ward No.07, Byatarayanapura.

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	2728.95	Removing and refixing stone slabs of drains and pointing in CM (1:3). (Pg No.25, I.No.5.33)	Sqm	80.56	Rupees Eighty and Fifty Six Paise Only
2	370.00	KSRRB 300-1. Earthwork excavation by manual means in rodinary soil involving an average horizontal throw upto 2 m and an average lift upto 1.5m, excavated surafce levelled and sides neatly dressed, the disposed earth to be levelled neatly after breaking clods complete as per specifications.. Pg No.142.Item No.19.1)	cum	86.92	Rupees Eighty Six and Ninety Two Paise Only
3	1169.55	Providing granite slabs of selected quality roughly dressed and fixed in cementser mortar (1:6) including fixing curing etc., complete. Pg No.25, Item No.5.31.1 (7.5 cms thick)	Sqm	665.68	Rupees Six Hundred Sixty Five and Sixty Eight Paise Only
4	47.70	KSRRB 4-1.3: Providing and laying in position plain cement concrete of nominal mix 1:4:8 using 40mm and down size graded granite metal machine mixed, concrete laid in layers not exceeding 15 cms. Thick well compacted in foundation and plinth, including cost of all materials labour, HOM of machinery, curing complete as per specification . (Pg.No.12, It.4.3)	cum	5159.02	Rupees Five Thousand One Hundred Fifty Nine and Two Paise Only
5	60.00	Cement concrete pavement. Construction of un-reinforced plain cement concrete pavement, thickness as per deisgn, over a prepraed sub base with OPC cement or any other type as per clause 1051..2.2 with 25mm and down size graded granite metal coarse aggregates and fine aggregates ,with superplastiser @ 3lts confirming to IS9103-1999 REAFFIRMED-2008, Mixed in a concrete mixer of not less than 0.6 cum capacity and approximate weigh batcher as per approved mix design, laid in approved fixed side form work (steel channel, laying and fixing of 125 micron thick polythene film, wedges, steel plates including levelling the form work as per drawing) and spreading the concrete with shovels, rackers compacted using needle, screed and plate vibrator and finished in a continous operation including, provision of contraction, expansion, construction operation including longitudinal joints, including groove cutting charges joint filler, sparation menebrane, sealant, admixtures as approved, curing compound, finishing to lines and grades as per drawing complete as per specification.M20 (AT 300 Kg per cum coarse aggregats @ 0.69cum and fine aggregate @0.43cum) (Pg No.177, It No.22.6.2)	cum	5508.82	Rupees Five Thousand Five Hundred Eight and Eighty Two Paise Only
	600.00	Vaccum De-watering with vaccum pump and suction mat and compaction with skin floater clubbed with floating disc including cst of generator, HOM of machinery screed vibaratory, power floater, blade and disc etc., with all leads and lift. (P177, It No. 22.7)	Sqm	95.40	Rupees Ninety Five and Forty Paise Only
	1.50	KSRRB4-1.6: Providing and laying in position plain cement concrete of mix 1:2:4 with cement @ 240 kgs, with 20 mm and down size graded granite matel coarse aggregates @ 0.69 cum and fine aggragtes @ 0.459cum, machine mixed concrete laid in layers not eceeding 15 cms, thick well compacted, in foundation, plinth and cills including cost of all materials, labour HOM machinery curing complete as per specifications. (Page No. 12. Item No. 4.6)	cum	5767.46	Rupees Five Thousand Seven Hundred Sixty Seven and Forty Six Paise Only
	8.10	KSRRB 5.3-1:Providing and constructing granite /trap/basalt size stone masonry in foundation with cement mortar 1:6, stone hammered dressed in courses not less than 20cms hign, bond stones at two m apart in each course including cost of materials, labour, curing etc., complete as per specifications.(P-235. Item No. 5.3)	Sqm	4438.22	Rupees Four Thousand Four Hundred Thirty Eight and Twenty Two Paise Only

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
	13.50	KSRB 5.3-1: Providing ruled pointing of course stone masonry with cement mortar 1:3 20 mm deep, after raking joints to depth of 20 mm nicley lining, including cost of materials, labour, curing etc., complete as per specifications and directions of the engineer-in-charge. (P-112, Item No. 15.8)	Sqm	37.10	Rupees Thirty Seven and Ten Paise Only
	19.44	Providing and fixing 20 cm thick pre cast RCC covering slab using reinforced cement concrete M 20 mix with stone aggregate 20 mm and down size including centring shuttering reinforcement and bar bending machine mixed concrete laid in layers not exceeding 15 cm thick well compacted cost of all materials labour curing complete as per specification (Data Rate)	cum	5111.00	Rupees Five Thousand One Hundred Eleven Only
	284.80	KSSRB M 400-17: Providing laying, spreading and compacting graded fine aggregate to wet mix macadam specifications including pre mixing the material with water at OMC in mechanical mix plant carriage of mixed method of tipper to site, laying in uniform layers with paver in sub-base/base course on well prepared surface and compacting with vibratory roller to achieve the desired density complete as per specifications. MORTH specifications no. 406(P-157., It No: 20.18)	cum	1768.08	Rupees One Thousand Seven Hundred Sixty Eight and Eight Paise Only
	6625.00	KSRRB-500-2: Cleaning the existing black topped surface with brooms, soft brushes and finally dusting with old gunny bags and or/ compressed air to receive bituminous treatment including cost of all materials, labour, HOM Machineries complete as per specifications. (Page No.161, Item No.21.2)	cum	3.18	Rupees Three and Eighteen Paise Only
	6625.00	KSRRB 500-07: Providing and applying tack coat with 80/100 grade bitumen (VG10) on the prepared black topped surfaces at 2.5 kg per 10 sqm, heating bitumen in boiler fitted with spray set (excluding cleaning of road surface) including cost of all materials, labour HOM Machineries complete as per specifications.. (Pg No. 160. Item No. 21.7)	Sqm	11.66	Rupees Eleven and Sixty Six Paise Only
	265.00	Providing and laying bituminous concrete 40MM thick with hot mix plant, using crushed aggregates of specified grading, premixed with bituminous binder and filler, transporting of specified grading, premixed with bituminous binder and filler, transporting the hot mix to work site, laying with paver finisher to the required grade, level and alignment, rolling with smooth wheeled, vibratory and tandem rollers to achieve the desired compaction as per MORTH specifications clause No.509 complete in all respects complete as per specifications. using 40/60 TPH capacity H.M.P with mechanical paver Gr-11(30mm to 45mm) with 5.4% of modified binder consisting of 4.97% VG-10 bitumen (80/100) grade and 0.43% of plastomeric thermoplastics (Waste plastic) (Page No.172, It No.21.78.6)	cum	7150.76	Rupees Seven Thousand One Hundred Fifty and Seventy Six Paise Only
	287.40	KSRRB M80013: Providing and laying of hot applied thermoplastic compound 2.5mm thick including reflectorising glass beads at 250 gms per sqm area thickness of 2.5mm is exclusive of surface applied glass beads as per thickness of 2.5mm is exclusive of surface, applied glass beads as per IRC35. The finished surface to be level, uniform and free from streaks and holes complete as per specifications. MORTH specifications. No.803. (Page No.185. It No.24.15)	Sqm	542.72	Rupees Five Hundred Forty Two and Seventy Two Paise Only
	370.00	KSRRB M100-1 Loading and unloading of stone boulder/stone aggregates/ sand/ kanker/ moorum. KSRRB M100-1: Placing tipper at loading point loading with front end loading, dumping turning for return trip, excluding time for haulage and return trip complete as per specification MORTH Chapter 1 (Page 118, item No. 17.1)	cum	106.00	Rupees One Hundred Six Only


 Executive Engineer
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 BBMP, Bangalore - 92

Note:

- Item for which no rate or price has been entered in will not be paid for by the Employer when executed and shall be deemed covered
- Unit rates and prices shall be quoted by the Tender in Indian rupees.
- Where there is a discrepancy between the rate in figures and words the rates in words will govern (ITB Clause 19.1(a))